

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L1 | 36 | (barrier adj (layer or film)) and ("ta/tan/ta" or "tantalum/tantalum nitride/tantalum") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 08:42 |
| L2 | 183 | fujii-yasuhisa.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 07:50 |
| L3 | 28 | kamoshima-takao.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 07:51 |
| L4 | 42 | matsuoka-takeru.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 07:52 |
| L5 | 13 | (barrier adj (layer or film)) and ("ta/tan/ta" or "tantalum/tantalum nitride/tantalum") and inert | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 08:42 |
| L6 | 26 | (barrier adj (layer or film)) and ("ta/tan/ta" or "tantalum/tantalum nitride/tantalum") and (inert or helium or neon or argon or krypton or xenon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 09:03 |
| L7 | 12 | (dual adj damascene) and (barrier adj (layer or film)) and ("ta/tan/ta" or "tantalum/tantalum nitride/tantalum") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 09:03 |
| L8 | 13 | (dual adj damascene) and (barrier) and ("ta/tan/ta" or "tantalum/tantalum nitride/tantalum") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 09:05 |

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| L9 | 679 | 257/211.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 09:05 |
| S1 | 3192 | 257/758.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/02 07:40 |
| S2 | 495 | 257/759.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:50 |
| S3 | 742 | 257/760.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:51 |
| S4 | 340 | 257/761.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:51 |
| S5 | 1092 | 257/762.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:52 |
| S6 | 2023 | (dual adj damascene) and (cu or copper) and (tan or (tantalum adj nitride)) and tantalum and barrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:53 |
| S7 | 35 | (dual adj damascene) and (cu or copper) and (tan or (tantalum adj nitride)) and tantalum and (composite adj barrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:55 |

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| S8 | 42 | (dual adj damascene) and (cu or copper) and (tan or (tantalum adj nitride)) and (composite adj barrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:55 |
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